MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

August 1948

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

AUGUST 1948

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Degrees Centigrade					
	8.30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	54.4	54.0	54.7	54.4	31.2	23.4	27.1	30.1	24.9	27.4
2	6.0	5.7	6.7	6.1	32.5	23.7	28.7	31.6	25.9	28.7
3	7.7	7.3	7.7	7.6	32.5	23.6	29.1	31.2	25.5	28.6
4	6.6	5.2	5.3	5.7	31.9	23.1	28.8	31.2	25 4	28.5
5	4.6	4.2	4.2	4.3	31.9	23.3	28.5	30.9	25.3	28.2
6	54.3	53.9	54.5	54.2	31.6	23.2	28.8	30.9	25.7	28.5
7	4.0	3.6	4.0	3.9	33.0	24.4	28.8	31.8	26.6	29.1
8	3.6	3.1	3.2	3.3	33.4	23.7	30.4	32.6	26.8	29.9
9	3.0	3.0	3.4	3.1	33.3	23.9	28.9	32.1	26.5	29.2
10	3.6	3.6	4.0	3.7	32.9	24.1	29.3	31.9	26.6	29.3
11	55.2	55.6	55.8	55.5	33.0	23.3	28.9	31.7	26.5	29.0
12	5.9	5.3	5.5	5.6	32.6	24.6	29.3	32.2	26.5	29.3
13	3.9	3.1	3.4	3.5	33.1	25.0	29.6	32.6	27.0	29.7
14	3.5	3.4	3.7	3.5	32.9	23.9	29.6	31.3	26.0	29.0
15	4.5	4.2	4.9	4.5	32.5	23.9	29.2	31.6	25.7	28.8
16	55.5	55.4	56.1	55.7	32.9	23.4	29.4	32.1	26.1	29.2
17	6.3	5.5	5.8	5.9	32.6	23.3	28.3	32.2	26.1	28.9
18	5.6	5.1	5.5	5.4	32.4	24.7	28.7	31.6	26 6	29.0
19	6.6	6.5	6.5	6.5	32.0	25.1	29.3	29.9	25.8	28.3
20	7.4	7.1	7.5	7.3	31.5	24.4	27.3	29.6	26.3	27.7
21	57.3	56.3	56.1	56.6	30.4	25.3	27.6	29.4	26.0	27.7
22	5.7	4.4	4.7	4.9	32.2	24.9	27.8	31.5	26.5	28.6
23	5.0	4.6	4.8	4.8	32.0	23.8	27.7	31.1	26.1	28.3
24	4.6	4.0	5.0	4.5	32.4	24.4	29.3	31.6	24.4	28.4
25	5.6	5.0	6.1	5.6	31.7	23.3	27.7	30.2	26.2	28.0
26	57.1	56.7	56.1	56.8	32.5	23.3	28.6	31.3	26.1	28.7
27	7.1	6.2	6.3	6.5	33 7	24.8	29.9	32.7	26 1	29.6
28	6.4	5.5	5.3	5.7	32.6	24 2	29.4	31.6	26.9	29.3
29	6.0	5.4	5.9	5.8	32.6	23.4	29.2	32.1	26.1	29.1
30	6.5	5.9	6.1	6.2	31.9	22.5	28.8	31.3	25.6	28.6
31	6.3	5.9	6.1	6.1	31.8	23.3	28.8	30.9	25.6	28.4
	55.48	54.99	55.33	55.26	32.37	23.91	28.80	31.38	26.04	28.74

Barometer, range for month 757.7 — 753.0 mm.

,, 71-yr. average for month 756.00 mm.

Thermometer, range for month 33.7°C — 22.5°C

,, 71-yr. average for month 28 57 °C.

Rain, total for month 0.51 mm.

,, 71-yrs average for month 0.45 mm.

,, Tolal, Sept. 1st. to end of month 1152.89 mm.

,, 71-yr. average, Sept. 1st. to end of month 892.30 mm.

AUGUST 1948

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				Sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	25.6	24.0	23.9	24.5	70	57	76	68	7.4	129.0	
2	23.0	26.3	26.5	25.3	62	57	78	66	10.2	225.0	
3	26.4	25.3	25.5	25.7	69	56	78	68	12.4	349.0	
4	24.2	24.6	24.1	24.3	60	55	75	63	12.4	661.0	
5	25.4	26.8	26.2	26.1	65	59	80	68	12.5	169.0	
6	28.6	30.6	28.3	29.1	73	67	86	75	12.4	190 0	
7	28.6	30.2	29.6	29.5	71	65	84	73	12.3	528.0	
8	26.1	30.5	29.6	28.7	67	64	85	72	12.0	299.0	
9	30.1	30.5	30.3	30.3	76	64	87	76	11.4	290.0	
10	29.6	32.6	31.0	30.7	73	71	91	78	11.9	322.0	
11	30.1	32.6	30.3	31.0	75	69	88	77	12.4	378.0	
12	28.9	30.5	28.9	29.4	70	63	83	72	11.8	404.0	
13	29.6	31.3	30.7	30.5	72	65	84	74	11.5	703.0	
14	31.2	32.2	29.3	30.9	76	71	86	78	11.2	336.0	
15	28.9	31.8	29.0	29.9	71	67	89	76	11.4	285.0	
16	30.4	33.8	30.8	31.7	73	70	91	78	11.6	182.0	
17	30.9	36.2	30.8	32.6	79	75	90	81	11.3	269.0	
18	29.3	32.6	28.9	30.3	74	70	83	76	11.6	198.0	
19	28.9	32.3	28.3	29.8	70	75	86	77	4.9	166.0	
20	27.7	30.4	27.9	28.7	77	73	82	77	5.0	98.0	
21	28.7	31.2	27.6	29.2	76	75	83	78	2.5	95.0	
22	28.0	29.9	29.6	29.2	75	67	84	75	9.0	130.0	
23	29.5	29.9	28.6	29.3	78	65	85	76	10.0	332.0	
24	29.6	31.0	28.5	29.7	72	65	93	77	8.9	462.0	
25	31.0	34.7	29.3	31.7	83	81	87	84	11.6	200.0	0.51
26	27.8	33.0	29.3	30.0	69	74	86	76	12.2	216.0	
27	26.2	40.7	29.3	32.1	62	85	86	78	11.9	409.0	
28	32.8	32.6	31.9	32.4	79	69	91	80	11.7	233.0	
29	32.0	32.6	29.8	31.5	76	71	91	79	11.6	193.0	
30	32.4	32.2	30 5	31.7	81	74	93	83	11.8	277.0	
31	29.3	33.0	31.2	31.2	74	74	94	81	11.4	304.0	
	28.73	31.16	28.88	29.58	72.5	68.1	85.6	75.4	10.65	291.26	0.016

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of reading minus 2 hours equal G.C.T.

71year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8.30	14:30	20:30	Mean	8:30	14:30	20:30		
1	5cu	6cu-ci	0	3.7	1w	1w	0	light	
2	3cu	2cu	1ci	2.0	1sw	1w	0	,,	
3	2cu	2cu	2cu	2.0	2sw	3w	1sw	slight	
4	5cu	2cu	1cu	2.7	3sw	2sw	0	,,	
5	2cu	4cu-ci	0	2.0	1w	2w	0	,,	
6	3cu	1cu	0	1.3	0	1nw	0	light	
7	0	0	0	0.0	2sw	1sw	1sw	,,	
8	2cu	1cu	0	1.0	2sw	1sw	0	,,	
9	6cu	0	0	2.0	1sw	2sw	0	,,	
10	1cu	2cu-ci	0	1.0	1sw	2w	0	,,	
11	4cu	1cu	0	1.7	3sw	1sw	2sw	slight	
12	1cu	1cu	5cu	2.3	1sw	1sw	0	,,	
13	5cu	3cu	2cu	3.3	3sw	3sw	3sw	,,	
14	4cu	5cu-ci	0	3.0	2sw	2sw	1sw	,,	
15	3cu	0	0	1.0	2sw	2w	1sw	light	
16	4cu	0	0	1.3	1sw	1sw	0	light	
17	5cu	2cu	0	2.3	1sw	1sw	0	slight	
18	2cu-ci	1cu	8cu	3.7	2sw	1w	0	,,	
19	2cu	9st	3cu-ci	4.7	1sw	1nw	0	,,	
20	7cu	5cu-ci	9cu	7.0	1w	1nw	0	light	
21	8cu	7cu	5cu-ci	6.7	0	1nw	0	light	
22	6cu	0	8cu-ci	4.7	0	1w	0	,,	
23	8cu	0	0	2.7	1w	1sw	1sw	,,	
24	2cu	3cu	9cu-ni	4.7	2sw	2sw	1sw	,,	
25	7cu-ni	3cu	1cu	3.7	1w	2nw	0	,,	
26	0	0	0	0.0	1w	2n	0	light	
27	0	0	0	0.0	1n	1n	0	,,	
28	0	1cu	0	0.3	1n	1n	1n	,,	
29	0	0	0	0.0	1sw	1w	0	,,	
30	3cu	0	2cu	1.7	2sw	1sw	0	,,	
31	1cu	2cu	0	1.0	2sw	2sw	0	,,	
				2.37					

* Abbreviations :— G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	2	0	0	0	0	20	6	0	3	31
14:30	3	0	0	0	0	14	9	5	0	31
20:30	1	0	0	0	0	8	0	0	22	31
Total	6	0	0	0	0	42	15	5	25	93

Number of days with rain 1, fog 0, thunderstorms 0, gale 0.

71 yr. av. number of days with rain during month 0.18